

The listing of claims presented below replaces all prior versions and listings of claims in the application.

Listing of Claims

1. (Currently Amended) A pharmaceutical composition for treating a subject with recurrent spontaneous abortion characterized by comprising a therapeutically effective amount of chromosome No. 2 or fragment thereof containing fibronectin encoding gene derived obtained from a male the spouse mate of said subject.
2. (Currently Amended) The pharmaceutical composition according to claim 1, characterized by comprising isolated and intact chromosome No.2.
3. (Currently Amended) The pharmaceutical composition according to claim 2, characterized in that wherein said chromosome No.2 is isolated from somatocytes in M phase.
4. (Currently Amended) A pharmaceutical composition for treating a subject with recurrent spontaneous abortion characterized by comprising a therapeutically effective amount of a mixture of chromosome No. 2 or fragment thereof containing fibronectin encoding gene derived obtained from a plurality of males.
5. (Currently Amended) The pharmaceutical composition according to claim 4 characterized by comprising isolated and intact chromosome No.2.
6. (Currently Amended) The pharmaceutical composition according to claim 5 characterized in that wherein said chromosome No.2 is isolated from somatocytes in M phase.

7. (Currently Amended) The pharmaceutical composition according to claim 4 characterized in that wherein the number of said plurality of males is more than 3.

8. (Currently Amended) The pharmaceutical composition according to claim 4 characterized in that wherein the number of said plurality of males is more than 10.

9. (Currently Amended) The pharmaceutical composition according to claim 4 characterized in that wherein the number of said plurality of males is more than 20.

10. (Currently Amended) Chromosome No. 2 or fragment thereof containing fibronectin encoding gene derived obtained from a male as a medicament.

11. (Cancel)

12. (Cancel)

14. (Currently amended) A method for treating a subject with recurrent spontaneous abortion comprising administering to the subject in need of treatment a therapeutically effective amount of The method according to claim 13, wherein said substance capable of lowering the in vivo level of antinuclear antibody is chromosome No. 2 or fragment thereof containing fibronectin encoding gene derived obtained from a male the spouse mate of said subject.

15. (Currently amended) The method according to claim 14, wherein characterized in that isolated and intact chromosome No.2 is administered.

16. (Currently amended) The method according to claim 15, wherein characterized in that said chromosome No.2 is isolated from somatocytes in M phase.

17. (Currently amended) A method for treating a subject with recurrent spontaneous abortion comprising administering to the subject in need of treatment a

therapeutically effective amount of ~~The method according to claim 13, wherein said substance capable of lowering the in vivo level of antinuclear antibody is a mixture of chromosome No. 2 or fragments thereof containing fibronectin encoding gene, derived obtained~~ from a plurality of males.

18. (Currently amended) The method according to claim 17, wherein characterized in that a mixture of isolated and intact chromosome No.2 is administered.

19. (Currently amended) The method according to claim 18, wherein characterized in that said chromosome No.2 is isolated from somatocytes in M phase.

20. (Currently amended)The method according to claim 17, wherein characterized in that the number of said plurality of males is more than 3.

21. (Currently amended)The method according to claim 20, wherein characterized in that the number of said plurality of males is more than 10.

22. (Currently amended)The method according to claim 21, wherein characterized in that the number of said plurality of males is more than 20.